

Table 1

Code	Protein*	Organism	Accession**	Reference	Author/Assignee
Sc-03	RFS	<i>Beta vulgaris</i>	E37133	09/301,766	Sumitomo Chemical
Sc-05	RFS	<i>Brassica juncea</i>	E36417	09/301,766	Sumitomo Chemical
Sc-02	RFS	<i>Nicotiana tabacum</i>	E24423	08/992,914	Sumitomo Chemical
Sc-04	RFS	<i>Glycine max</i>	E24424	08/992,914	Sumitomo Chemical
Aj-05	RFS	<i>Cucumis sativus</i>	AF073744	Family GH36***	Ohsumi et al.
PsRFS	RFS	<i>Pisum sativum</i>	AJ426475	Family GH36	Peterbauer et al.
HvSIP	SIP	<i>Hordeum vulgare</i>	M77475	Family GH36	Heck et al.
PsSTS-1	STS	<i>Pisum sativum</i>	AJ311087	Family GH36	Peterbauer et al.
PsSTS-2	STS	<i>Pisum sativum</i>	AJ512932	Family GH36	Peterbauer et al.
VaSTS	STS	<i>Vigna angularis</i>	Y19024	Family GH36	Peterbauer et al.
AmSTS	STS	<i>Alonsoa meridionalis</i>	AJ487030	Family GH36	Voitsekhoukaja
SsSTS	STS	<i>Stachys affinis</i>	AJ344091	Family GH36	Pesch and Schmitz

*Protein: RFS, Raftinose synthase; SIP, Seed Imbibition Protein; STS, Stachyose synthase.

**Accession: GenBank Accession Number.

***Family GH36: glycoside hydrolase family 36 (see Carbohydrate-Active Enzymes (CAZy) database: http://afmb.cnrs-mrs.fr/CAZY/GH_36.html)

Table 2

Fig. 1

[GENETYX : Evolutionary tree]
Date : 2004.2.4
Method: UPGMA

